

**PRESIDENT - ED BOSCO - WL7BOR - 345-4530**  
**CLUB PHONE: 345-0719**

President - Ed Bosco WL7BOR

Vice President - Cathi Moody KL7NR

Secretary - Muriel "Mike" Atwood NL7AB

Treasurer - Rob Wilson AL7KK

Activities Manager - Dianne Hammer NL7KN

Three Year Board Member - Lance Dunbar AL7BX

One Year Board Members - Fred Wegner KL7HFM; Eric Stewart  
AL7IM; Rick Marvin KL7YF; Mark Hadley KL7HD; Fred Toliver  
KL7HM; Daniel Stevens KL7WM

CONGRATULATIONS TO ONE AND ALL

[illegible]

July 6th AARC General Meeting, Spenard Rec Ctr, 2020 W  
48th 7 PM

July 6,7,8 Motley Picnic, Byers Lake Leave after Meeting

July 11th AARC Board Meeting, Hope Cottage MTG Rm. 2805  
Bering St 7 PM

August 3rd AARC General Meeting

## AARC General Meeting, June 1, 1990

President Ed Bosco brought the meeting to order at 7:10 p.m. Introductions and announcements were made.

Harley Stuart, KL7IZZ, was introduced as Alaska's newly elected section manager. He gave a short speech and asked for input from all members.

Ed turned the meeting over to Harvey Rookus, nominating chairman, for election of new club officers.

The following members were elected.

President- Ed Bosco, WL7BOR

Vice President-Cathy Moody, KL7NR

Secretary- Muriel (Mike) Atwood, NL7AB

Treasurer-Rob Wilson, AL7KK

Activities Manager-Diane Hammer, NL7KN

3 year Board Member-Lance Dunbar, AL7BK

The following were elected to the board for a one-year term.

Fred Wegmer, KL7HFM

Mark Hadley, KL7HD

Eric Stewart, AL7IM

Daniel Stevens, KL7WM

Fred Tolliver, KL7HM

Rick Marvin, KL7YF

Rick Marvin announced that since their amateur radio classes were successful this spring, the Marvins have decided to go ahead with a fall class. Classes will begin a week after the flea market and meet until Thanksgiving.

Ed Bosco announced that the Air Force has some new regulations which strongly support local civilian participation in the Air Force Mars program. Apparently easy access to the MARS station will now be possible.

Field Day will be the weekend of June 23-24. Sign up with Ed Bosco if you wish to participate. As soon as the site location is confirmed, everyone will be notified via the local repeater.

After the drawing for door prizes, the meeting was adjourned at 9 p.m.  
Submitted by Nancy Brophy, NL7PN, secretary.

## BOARD MEETING - JUNE 13, 1990

THOSE PRESENT: WL7BQR, KL7HFM, AL7IM, KL7NR, KL7ITI, KL7HD, AL7BB, KL7IKX, KL7HM, AL7KK, NL7KN, NL7DL, NL7NN, KL7HFQ, NSFYW, KL7IZZ, KL7HD, NL7AB, NL7PV, and Susan Keener (NL7PV's XYL).

The meeting was called to order at 1909 by President WL7BQR.

A call for new/old members was made to check for a quorum to conduct business.

The Treasurer's report was given, by Fred, KL7HFM. At this time he also requested a standing committee be formed for the Gaming/Gambling license and business so that there would be a better transistion when the treasurer's office electee changed to help take care of all of the business reports and the finances from the gambling license. It was suggested that Fred Toliver, KL7HM ("Club Gambler"), and the old and new treasurers work on this committee as they are the ones who would be handling the monies and reports.

For other members information there are now 13 locations with a report that is needed from each location quarterly plus an annual report coordinating all the locations. The monies from this go to support the scholarships that the club provides.

A motion was made by AL7IM to form this committee to help keep track of the gambling monies and to help the treasurer; it was seconded and passed. Members are, KL7HM, KL7HFM and AL7KK (new treasurer).

Other business discussed: The guidelines for the use of the club call sign. KL7ITI, Bill Reiter (call sign trustee), made a motion to accept the rules made by the guideline committee with the modifications discussed during this board meeting. It was seconded by KL7HFM and passed.

Roger, KL7HFQ, notified the board that Greg Nightingale was moving and his position would have to be replaced. Also, the Blood Bank could use a new Hemoglobin Tester as the present one was not accurate enough (20%) to do the job any more. A motion was made by AL7BB to purchase one for them. It was seconded with an addition to put a placard on the machine stating it was donated by the AARC. The motion passed.

A motion was made and passed to increase the scholarship fund from \$1200 to \$2400 to APU. The setting up of an endowment fund with APU was also discussed.

There has still been no word from the Iditarod committee about the letter from the FCC to both groups and our request to try and work something out with them.

The Field Day site is to be behind the Providence Hospital. At present there is a tent there that we possibly could use if it is not taken down. Lil' NL7DL, is going to check on it. Roger, KL7HFQ, will be conducting tests as usual.

Last year's Flea Market site may not be available according to NL7DL as it may be rented. Cathi, KL7NR, said she was checking on an eastside location.

The meeting was adjourned at 2048 by Ed, WL7BQR.

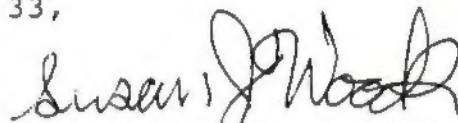


The May PARKA (Polar Amateur Radio Klub of Alaska) meeting was held on the 9th of June at the home of NL7KN, Dianne. There were six YLs in attendance--KL7IO, Lynne; NL7DL, Lillian; KL7VT, Jean; NL7AB, Mike; NL7KN, Dianne; and NL7NN, Susan.

Besides rolls, coffee, tea, and good conversation, there was the technical aspect of the meeting. The discussion was on phase angles and how they are related to vectors.

We always enjoy getting together and we invite and encourage other YLs, both hams and non-hams, to join us. The June meeting will be on the 30th at a still to be determined location. For further information, listen to 147.30/.90 on Thursdays at approximately 8:35p.m. We look forward to seeing some new faces at the next PARKA meeting.

33,

A handwritten signature in cursive script, appearing to read "Susan J. Woods".

Susan J. Woods, NL7NN  
Secretary, PARKA

ALASKA'S ONE AND ONLY  
A.A.R.C. MAKES HISTORY!!

Date line- 8 JUNE 1990.

In the past several months many international events have taken place that will shape world affairs and have long lasting affects on our world. Not the least of these events is the receipt of a VHF repeater, (two meters), by the Amateur Radio Operators of the Soviet Union. This repeater is to be the first known unit to be put into service in the USSR and will be used as Amateur & emergency communications in the capital city of Moscow. This repeater unit has been donated to the Soviets by the Anchorage Amateur Radio Club.

Thanks go to:

Alascom: For providing transportation and other informational assistance for getting the repeater to Providenia, USSR.

U.S. Customs: For their free inspection service, paperwork, and blessings for the project. (Made jumping through the hoop much easier).

Mr. Don Shaw. (Import/Export broker.) For donation of time, expertise, and forms for the proper preperation of internationally acceptable invoices for export/shipping.

Doug. Dickinson, (KL7IKX). For personally making the repeater available, as well as supplying the back muscle and vehicle to get it to Hal, (KL7HJD) for crating and delivery to Alascom.

Valery Popkov, (UAOKAP). For taking the responsibility of recieving the repeater in Provedenia and seeing that it gets transhipped to Moscow.

Andy Fyodorov, (RW3AH). For incorporating the repeater into the Moscow emergency communications system and assisting with his technical expertise. (Andy is Director of Emergency Communications for Moscow and is an engineer in phone and audio systems).

Wasilly -----, (RW3DR, UA3DR, EK0DR). For being the first to propose this project while he was assisting in communications during the "Big Circle Expedition". Wasilly will make the necessary modifications to the repeater for Soviet service and probably be the one to put it on the air. (Sorry; I don't have the proper or full name of "Wasilly" at this time!)

73 *Harold C. Steves*,

KL7HJD. Errors/Omissions are my own! Copy permitted in total only!

Correction - Wasilly should be Vasily Zaushicin. Ed.  
 received from HJD.

FOR YOUR INFORMATION.

## IARU REGION 1 SHORT WAVE BANDPLAN

REFERING TO A NOTE BY THE CHAIRMAN OF THE IARU SHORT WAVE COMMITTEE, DJ6TJ, THIS IS THE LATEST BANDPLAN, DATED 6TH. APRIL 1990.

## FREQUENCY BANDS

1810 - 1840 KHZ	CW ONLY
1840 - 2000 KHZ	CW AND PHONE
3500 - 3600 KHZ	CW ONLY
3600 - 3800 KHZ	CW AND PHONE
7000 - 7040 KHZ	CW ONLY
7040 - 7100 KHZ	CW AND PHONE
10100 - 10140 KHZ	CW ONLY
10140 - 10150 KHZ	CW AND RTTY
14000 - 14100 KHZ	CW ONLY
14100 - 14350 KHZ	CW AND PHONE
18068 - 18100 KHZ	CW ONLY
18100 - 18110 KHZ	CW AND RTTY
18110 - 18168 KHZ	CW AND PHONE
21000 - 21150 KHZ	CW ONLY
21150 - 21450 KHZ	CW AND PHONE
24890 - 24920 KHZ	CW ONLY
24920 - 24930 KHZ	CW AND RTTY
24930 - 24990 KHZ	CW AND PHONE
28000 - 28200 KHZ	CW ONLY
28200 - 29700 KHZ	CW AND PHONE

## PREFERRED OPERATION FREQUENCIES

1838 - 1842 KHZ	RTTY
3500 - 3510 KHZ	CW DX
3500 - 3560 KHZ	CONTEST CW
3580 - 3620 KHZ	RTTY
3590 - 3600 KHZ	PACKET RADIO (*)
3600 - 3650 KHZ	CONTEST PHONE
3700 - 3800 KHZ	CONTEST PHONE
3730 - 3740 KHZ	FAX AND SSTV
3775 - 3800 KHZ	PHONE DX
7035 - 7045 KHZ	RTTY, SSTV, FAX
14000 - 14060 KHZ	CONTEST CW
14070 - 14099 KHZ	TTY
14089 - 14099 KHZ	PACKET RADIO (*)
14125 - 14300 KHZ	CONTEST PHONE
14225 - 14235 KHZ	FAX AND SSTV
18100 - 18110 KHZ	RTTY
21080 - 21120 KHZ	RTTY
21100 - 21120 KHZ	PACKET RADIO (*)
21335 - 21345 KHZ	FAX AND SSTV
24920 - 24930 KHZ	RTTY
28050 - 28150 KHZ	RTTY
28120 - 28150 KHZ	PACKET RADIO (*)
28675 - 28685 KHZ	FAX AND SSTV
29200 - 29300 KHZ	PACKET RADIO FM (*)

(\*) PREFERRED AREAS OF ACTIVITY)

## RESERVED OPERATING FREQUENCIES

14099 - 14101 KHZ	INTERNAT'L BEACON PROJECT
21149 - 21151 KHZ	INTERNAT'L BEACON PROJECT
28190 - 28300 KHZ	INTERNAT'L BEACON PROJECT
29300 - 29550 KHZ	SATELLITE DOWNLINK



## Transcontinental Relay Aids Young Soviet Amateur

American amateurs from coast to coast, using HF as well as VHF FM and packet, have come to the aid of a critically injured Russian amateur.

On May 25 a group of Soviet hams, from the UZ4FWO club station in Penza, were involved in an automobile accident enroute to a radiosport event. Oleg Kolosilin, RA4FB, was killed. Oleg Porugov, UA4FAY, was seriously injured.

Porugov, 25, lies in a coma in a hospital near Ryazan, about 150 miles from Moscow. He suffers from pneumonia and one lung has collapsed. His condition prevents doctors from moving him to better facilities.

Porugov's attending physician, a Dr. Makarov, has stated "In small Soviet towns the doctors can be good, but medical supplies—even disposable syringes—are scarce."

In daily contact with Makarov is an American neurosurgeon, Dr. Joseph Izzo of Foster City, California. Izzo responds to Telex and E-mail messages from Makarov, answering questions by Amateur Radio. The responses, carried on a daily schedule, are between the stations of Len Traubman, W6HJK, a dentist in San Mateo, and UZ4FWO, in Soviet Russia. Help with relaying and translation has been provided by Ed Kritsky, NT2X, and Angel Garcia, WA2VUY.

Kritsky, who came to the United States from Leningrad in 1978, took a telephone call shortly after the accident from another American amateur. "UZ4FWO needs to talk to you, Ed. They need medical consultation."

Kritsky asked Igor, the UZ4FWO operator, if he had any American ham acquaintances in the medical profession. Igor suggested Traubman and Dr. Lawrence M. Jbes, ND8S, who also has acted as a relay station. Meanwhile, Kritsky also had contacted a local physician,

Dr. Anatoly Barkan of Brooklyn, another Soviet emigre.

Igor passed the condition of the patient to Kritsky via Amateur Radio, and Kritsky sent it by facsimile to Traubman and Dr. Izzo (who although not a ham, paid for the initial shipment of drugs).

In addition to medical advice, several hundred dollars worth of supplies for Porugov, including powerful antibiotics and special tracheal tubing, have been arranged for and shipped from the United States. Charles L. Starke, NX2T, a medical internist, arranged for the tubing, which was shuttled to JFK airport by Alan Singer, N2KW.

Singer located Starke using the Tri-State DX Packet-Cluster Network.

Thanks to Amateur Radio, Soviet amateurs have been able to receive word that the shipments are enroute, allowing them to get to the Moscow airport in time to arrange for expeditious treatment by customs authorities. One of the UZ4FWO operators has been standing by in Moscow to receive the shipments.

Kritsky observed that initially the chief of medicine in Ryazan was skeptical of these arrangements, of taking advice from outsiders. "But once he heard the tone of voice of those talking on 20 meters," Kritsky said, "he knew we were there to help. He knew we cared."

"We are just a few American hams doing what we can," said WA2VUY. "If Igor were not a ham, none of this probably could have happened," he said.

On Monday, June 11, 17 days after the accident, Oleg Porugov, UA4FAY, opened his eyes for the first time, and moved his hand.

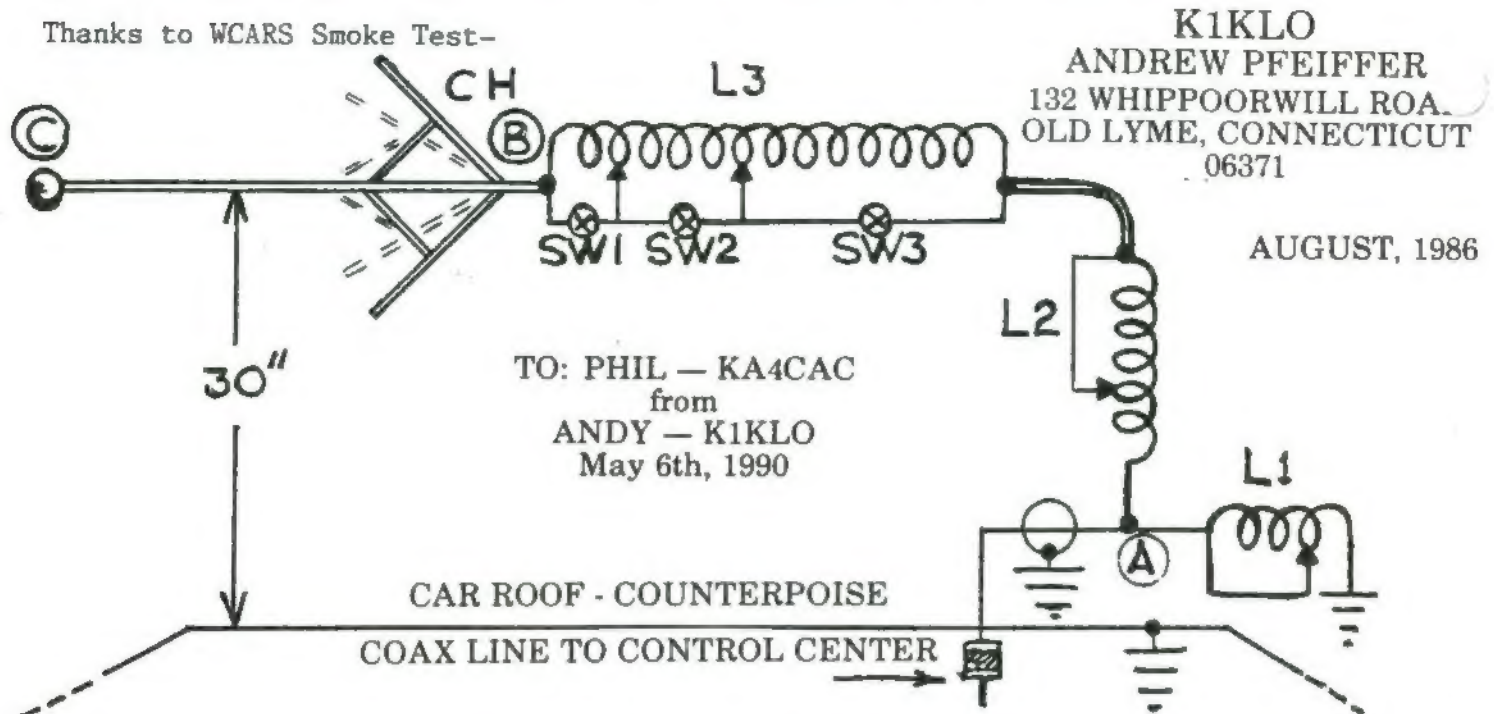
### MORE HAMS IN SPACE

Three more astronauts soon will have Amateur Radio call signs, joining Ken Cameron, KB5AWP, aboard STS-37 (a SAREX mission) in November. Flight commander



# THE CONNECTICUT LONGHORN MARK III

Thanks to WCARS Smoke Test-



The Connecticut Longhorn Mark III, is a remotely tuned mobile antenna system with continuous frequency coverage 1.8 through 30 MC.

(All inductances, and associated motor drive assemblies, are fully enclosed in 1/8" wall polycarbonate tubing, with "O" ring seals.)

Total radiator length from feed point A to point C is 11½ feet long. Point C to point B, is 4 feet long. Material is ¾" dia. 6061T6 aluminum tubing. Corona ball at point C, is 1¼" dia. Coax line from point A, goes to control center inside car. Adjustable capacitive HAT, CH, 4 rib umbrella action.

L 1, rotary inductor: adjustable shunt feed. 1" dia., 8 TPI; 22 turns: wire dia. .093"; 3.78 uh.

L 2, motor driven rotary inductor for frequency adjustment: 1½" dia., 10 TPI; 64 turns: edge wound rectangular wire, .040" x .100"; 32.57 uh.

L 3, main loading inductance: 2½" dia.; 10 turns/inch; wire dia. .065" 190 turns, 280.28 uh.

L 3, details: number of turns in SW-1 switch section ..... 15 turns  
number of turns in SW-2 switch section ..... 32 turns  
number of turns in SW-3 switch section ..... 143 turns

A microswitch is located in the motor drive enclosure for the frequency adjustment rotary inductor, L 2, this switch indicates 1/6 of a turn on L 2 per contact "make". Each "make pulse" is conveyed to the digital up-down counter mounted in the control center inside the car. This counter readout is used to log the exact frequency of desired operation as determined by a minimum reflected power reading on the built-in SWR indicator. The "Q" of this system is extremely high, particularly on the lower frequencies. For example, on the 160 meter band a frequency excursion of 5 KC requires a change of about 1.35 uh in the inductance value on L 2.... 2-2/3 turns ...a translation of 16 counts on the remote digital up-down counter. In regard to "CH" capacitive HAT shown above. When the antenna is installed to the roof-top car carrier, the capacitive HAT, CH is adjusted. From then on, for all bands, it is not touched. It is the "rubber" in the system which allows overall out-adjustment.





FOR SALE - WANTED - MISC

Wanted Wanted

Four sections Rohn 25 tower

1 top section to Trade

NL7MW Cas 373-1276 Wasilla

-----

Wanted Wanted

Bird SWR meter or Equal

2 Meter Mobile 25 Watt

KL7GRG Don 243-1046

-----

For Sale For Sale

Kenwood HF Xcvr TS-120S

with PS-30 power supply

\$350

Cushcraft AV-5 Vertical

Antenna 80-40-20-15-10

\$75

Microphone - New - Not used

\$50

Rick Braden 753-9129

Miscellaneous

HELP HELP HELP

The Editor needs a Volunteer  
to put together the News-  
letter for the November Issue.

If anyone is willing to take  
on the project please call me  
at 333-4693 and we can Plan-  
Ahead. Thanks Harvey NL7DK

-----



"I DID clean up my desk . . . two years ago, just before I  
picked up that call from Russia."

From WCARS 'Smoke Test'

	CALL	FROM	TO
<b>ANCHORAGE</b>			
ROBERT O. BAKER	WL7BYH	NOVICE	TECHNICIAN
GERALD P. HALLGRIMSON	WL7BWD	NOVICE	TECHNICIAN
CAROL L. JAYNES	WL7BXH	NOVICE	TECHNICIAN
BARNEY K. KAY	NL7TV	TECHNICIAN	ADVANCED
<b>BIG LAKE</b>			
MICHAEL S. JACKSON	WL7BVT	NOVICE	GENERAL
<b>EAGLE RIVER</b>			
WILLIAM B. BEACH		NO LICENSE	TECHNICIAN
DAVID D. CHRISTENSEN	WL7BNT	TECHNICIAN	ADVANCED
LARRY L. MORAN	NL7SZ	TECHNICIAN	ADVANCED
<b>FAIRBANKS</b>			
CHARLES L. BEAUDREAULT (13 yrs old)		NO LICENSE	NOVICE
OLIVER D. GRAMLING	NL7TK	GENERAL	ADVANCED
PAUL D. MANE'		NO LICENSE	NOVICE
<b>JUNEAU</b>			
DAN S. ALDEN	WL7BXY	NOVICE	TECHNICIAN
PETER W. BONNELL	WL7BXW	NOVICE	TECHNICIAN
CAROL A. BRUCE	WL7BRQ	NOVICE	TECHNICIAN
ROBERT D. CARNES	WL7BXV	NOVICE	TECHNICIAN
LARRY A. DAWSON	WL7BYB	NOVICE	TECHNICIAN
JENNINGS A. HALL JR.	WL7BXX	NOVICE	TECHNICIAN
GARY W. HANNAN	WL7BYA	NOVICE	TECHNICIAN
CYNTHIA E. HOLEMAN	KL7IZE	NOVICE	TECHNICIAN
HERBERT C. HOLEMAN	WL7BIL	ADVANCED	AMATEUR EXTRA
MATTHEW P. MUSSELWHITE (15 yrs old)	WL7BKZ	NOVICE	TECHNICIAN
ROLF W. NUMME	WL7BXT	NOVICE	TECHNICIAN
DAVID S. PIERCE	WL7BGI	NOVICE	TECHNICIAN
RICHARD A. SILL	WL7BJV	TECHNICIAN	GENERAL
CHRIS A. SNYDER	WL7BXU	NOVICE	TECHNICIAN
<b>SOLDOTNA</b>			
ANNA L. RITTER	WL7BXO	NOVICE	TECHNICIAN
<b>WASILLA</b>			
KATHI BALDWIN		NO LICENSE	NOVICE
JEFFERY L. DEISER(11 YRS OLD)	WL7BXM	NOVICE	TECHNICIAN
MICHAEL M. PEASE		NO LICENSE	NOVICE

submitted by Roger Hansen, KL7HFQ, VEC Director)



The Following is an article from one of our members from  
Verona, WI. It is about the 'Infamous Tokyo Rose' of WW  
II. The Oldster's will remember it well. I will run it  
over several months. Editor Thanks John Offerdahl KC9XH.

## COMMUNICATING TREASON/ THE PERSECUTION OF TOKYO ROSE

by KC9XH

When it comes to broadcasting, you will have to be bordering as a club old timer if the name Iva Ikuko Toguri d'Aquino is to have meaning for you. As the Allied military poured into Japan following World War II, correspondents Clark Lee of International News Service and Harry T. Brundage of Cosmopolitan Magazine covered the occupation with ambitions of securing a special feature for the readers back home. In particular, they were looking for the person behind the voice of the "notorious Tokyo Rose." What Clark and Brundage found was Iva Ikuko Toguri d'Aquino - a pleasant looking 29 year old Japanese American who had been trapped in Japan by the war while visiting relatives. The legend built by Lee and Brundage appeared in both Cosmopolitan and Yank magazines, and in 1946 was released as a highly embellished Hollywood film appropriately entitled "TOKYO ROSE." It was due in large part to these exaggerations and embellishments which led to the ultimate trial and conviction of d'Aquino for treason against the United States in 1949. Following is the sad, but true, story of this "notorious Tokyo Rose."

After graduating from UCLA in June 1941, Iva Ikuko Toguri was dispatched to Tokyo as the family's representative to visit an ailing aunt at the ancestral home. Passports were not being issued at that time, however Toguri received a notarized identification certification on July 1, 1941 which was entitled, "Certificate of Identification to Facilitate Return to the United States of America." This certificate was a deposition stating Toguri's date and place of birth, her current residence, her means and destination of travel, and the expected date of her return. A 1918 law required citizens to have passports for entering and exiting the United States only in time of war or national emergency. Several months after Toguri left for Japan on November 14, 1941, President Franklin D. Roosevelt issued a proclamation declaring a national emergency and specifically required the use of passports. After the attack on Pearl Harbor of December 7, 1941, the certificate which Toguri carried barred her re-entry to the United States for the duration of the war.

Toguri arrived in Yokohama, Japan on July 24, 1941 and lived with an uncle until June 1942, during which time she attended the Japanese Language and Culture School. In August 1941, the Japanese police issued Toguri a Japanese residence permit and instructed her to register at the American Consulate Office in the American Embassy. Upon registering, the American Consul advised her to apply for a passport which she did, making periodic inquiries upon its status until October 1941 at which time the embassy informed her they would be in contact after notification from Washington. Alarmed by the deepening rift between Japan and the United States, Toguri called her father late in November 1941 who, underestimating the danger of the situation, advised her to see as much of Japan as possible. On

Continued on Pg 12



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From Pg 11

December 1, Toguri received a cable from her father urging her to sail for the United States immediately. She attempted to book passage on a ship leaving December 2, however due to the multitude of clearances and permits necessary from both the American Embassy and the Japanese government, she was unable to capitalize on the opportunity.

With the declaration of war less than a week later, Toguri's bureaucratic problems skyrocketed. On December 8, she appeared at the American Embassy to advise the Vice Consul she did not possess dual citizenship and offered a certified copy of her family's census register recognizing her renunciation of Japanese nationality. In an attempt to support herself, Toguri took a job as a typist at a language school, and in March 1942 she appeared at the Swiss Embassy and filed an application for evacuation but was told without a passport she was unlikely to leave on the first repatriation ships. In April, the American Embassy notified her that her American citizenship had not been proven. The Swiss Embassy then notified her in September of a repatriation ship to Portuguese India then to New York, however neither Toguri nor her uncle could produce the \$425 fee, forcing her, on September 2, to notify the Swiss of her decision to remain in Japan. Subsequently, she notified the Japanese police of her decision who informed her she would be treated as a foreigner, would have to renew her residency permit every 6 months, and could not travel outside Tokyo without special permission.

Continued Next Month